

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Ramakrishnan et al. Attorney Docket No: 68.0173
Serial No: 09/672,471 Art Unit:
Filed: 9/28/2000 Examiner:
For: Downhole Flow Meter

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

Declaration Submitted with Initial Filing Declaration Submitted after Initial Filing

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Downhole Flow Meter

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Assistant Commissioner for Patents, Washington, DC 20231 by:

facsimile to number _____
 first class mail.
 Express Mail: Post Office to Addressee No.

Date

2/15/01

Joanne Hyland

Joanne Hyland

the specification of which

is attached hereto.

was filed on 9/28/2000 as United States Application Number or PCT International Application Number 09/672,471.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
60/195,831	4/11/2000

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Numbers	PCT Parent Number	Parent Filing Date	Parent Patent Number

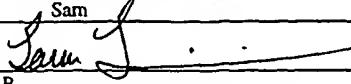
Direct all correspondence to:

Patent Counsel
Schlumberger Reservoir Completions
Schlumberger Technology Corporation
P.O. Box 1590
Rosharon, Texas 77583

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any]) Terizhandur S.				Family Name or Surname Ramakrishnan			
Inventor's Signature	<i>To Remarket</i>						Date <i>Jan 23, 2001</i>
Citizenship	U.S.						
Residence Address	29 Oak Ridge Road						
Residence: City	Bethel	State	CT	ZIP	06801-1154	Country	U.S.
Post Office Address	Same						
City		State		ZIP		Country	

Name of Additional Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])				Family Name or Surname			
Gary M.				Oddie			
Inventor's Signature	<i>Gary M. Oddie</i>				Date	25/01/01	
Citizenship	U.K.						
Residence Address	196 Manor Gardens, Cambridge Street						
Residence: City	St. Neots, Cambridgeshire	State		ZIP	PE19 1PU	Country	GB
Post Office Address	Same						
City		State		ZIP		Country	

Name of Additional Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor.				
Given Name (first and middle [if any])			Family Name or Surname			
Sam			Smonian			
Inventor's Signature					Date	14 Feb 2001
Citizenship	G.B.					
Residence Address	37 Rue de Vouille, Apt. #C23					
Residence: City	Paris	State	ZIP	75015	Country	France
Post Office Address	Same					
City		State	ZIP		Country	

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Ramakrishnan, et al.

Attorney Docket No: 68.0173DIV

Serial No:

Art Unit:

Filed:

Examiner:

For: Downhole Flow Meter

**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

POWER OF ATTORNEY

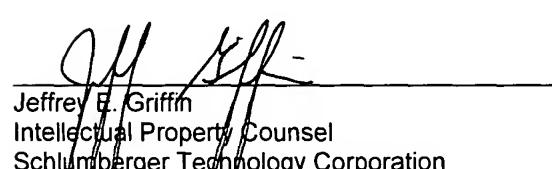
As the owner of the above-referenced patent application, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

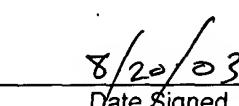
Jeffrey E. Griffin, 36,534
Bryan White, 45,211
Tim W. Curington, 45,944
John J. Ryberg, 31,134
Wayne I. Kanak, 35,564
Robert A. Van Someren, 36,038
Michael G. Fletcher, 32,777
C. Dale Quisenberry, 36,643

Brigitte L. Jeffery, 38,925
John H. Bouchard, 29,286
Victor Segura, 44,329
Jeff Daly, 44,640
Dan C. Hu, 40,025
Fred G. Pruner, Jr., 40,779
Kenneth D. Goodman, 30,460

Direct all correspondence to:

Patent Counsel
Schlumberger Reservoir Completions
Schlumberger Technology Corporation
P.O. Box 1590
Rosharon, Texas 77583-1590
281/285-5720


Jeffrey E. Griffin
Intellectual Property Counsel
Schlumberger Technology Corporation


Date Signed

STATEMENT UNDER 37 CFR 3.73(b)

Applicant: Schlumberger Technology Corporation

Application No.:

Docket No.: 68.0173DIV1

Entitled: Downhole Flow Meter

Schlumberger Technology Corporation, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011565, Frame 0437, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s) of the patent application identified above to current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____ Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this statement on behalf of the assignee

Date: August 20, 2003

Signature:

Jeffrey E. Griffin
Intellectual Property Counsel

68.0173

RECEIVED
MAY 21 2001
I.P. LAW DEPT.

MAY 15, 2001



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

PTAS
SCHLUMBERGER TECHNOLOGY CORPORATION
JAIME A CASTINO
P.O. BOX 1590
ROSHARON, TX 77583-1590



101634902A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/20/2001

REEL/FRAME: 011565/0437

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RAMAKRISHNAN, TERIZHANDUR S.

DOC DATE: 01/23/2001

ASSIGNOR:

ODDIE, GARY M.

DOC DATE: 01/25/2001

ASSIGNOR:

SIMONIAN, SAM

DOC DATE: 02/12/2001

ASSIGNEE:

SCHLUMBERGER TECHNOLOGY
CORPORATION
14910 AIRLINE ROAD
ROSHARON, TEXAS 77583-1590

SERIAL NUMBER: 09672471

FILING DATE: 09/28/2000

PATENT NUMBER:

ISSUE DATE:

mt/sf

ap

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

03-13-2001



101634902

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. NAME OF CONVEYING PARTY(IES):

Ramakrishnan, Terizhandur S.
Oddie, Gary M.
Simonian, Sam

2. 20.01

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):

Schlumberger Technology Corporation
14910 Airline Road
Rosharon, Texas 77583-1590

FEB 20 2001

No additional names attached

No additional names & addresses attached

3. NATURE OF CONVEYANCE:

ASSIGNMENT EXECUTION DATE: 1/23/01, 1/25/01, 2/12/01

4. APPLICATION NUMBER(S) OR PATENT NUMBER(S):

If this document is being filed with a new application, the filing date of the application is: _____

A. PATENT APPLICATION NO.(s) 09/672,471

B. PATENT NO.(s)

NO ADDITIONAL NUMBERS ATTACHED

5. NAME AND ADDRESS FOR CORRESPONDENCE:

Schlumberger Technology Corporation
Attn: Patent Counsel
P.O. Box 1590
Rosharon, Texas 77583-1590

6. TOTAL NUMBER OF APPLNS. & PATENTS INVOLVED 1.

7. TOTAL FEE (37 CF4.3.41) \$40.00

CHARGE TO DEPOSIT ACCOUNT

8. DEPOSIT ACCOUNT NO. 50 0457
(a duplicate of this page is attached)

9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jaime A. Castro, Reg. No. 41,660 (Signature)

2-15-01
(Date)

Total number of pages including cover sheet, attachments and document: 6

03/09/2001 TDIAX1 00000043 500457 09672471
01 FC:581 40.00 CH

ASSIGNMENT

WHEREAS, We, Terizhandur S. Ramakrishnan, a citizen of the United States of America, residing at 29 Oak Ridge Road, Bethel, CT 06801-1154, Gary M. Oddie, a citizen of the United Kingdom, residing at 196 Manor Gardens, Cambridge Street, St. Neots, Cambridgeshire, PE19 1PU, Great Britian, and Sam Simonian, a citizen of the United Kingdom, residing at 37 Rue de Vouille, Apt # C23, Paris, 75015, France, hereinafter referred to as the "Inventors", have made inventions and improvements in: *Downhole Flow Meter* which are the subject of an application for Letters Patent of the United States of America, executed by us on the date(s) indicated below, (Docket No. 68.0173, Application No.: 09/672,471), hereinafter referred to as the "Invention(s)".

AND WHEREAS, SCHLUMBERGER TECHNOLOGY CORPORATION, hereinafter referred to as "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas, and having a place of business at 300 Schlumberger, Sugar Land, Texas 77478 is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to the Invention(s), and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the Invention(s), described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on the Invention(s) in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon the Invention(s).

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on the Invention(s).

AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND we, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our executors, administrators, or other personal

representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to the Invention(s), and any related application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF, I, Terizhandur S. Ramakrishnan have hereunto set my hand and seal this January 23, 2001.

Terizhandur S. Ramakrishnan
Terizhandur S. Ramakrishnan

CONNECTICUT
STATE OF ~~CONNECTICUT~~ (to) §
§
COUNTY OF FAIRFIELD §

BEFORE ME, this 23rd day of January, 2001 personally appeared Terizhandur S. Ramakrishnan, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Ruth A. Schieker
Notary Public in and for The State of Connecticut
My Commission Expires: MY COMMISSION EXPIRES
JULY 31, 2005

IN WITNESS WHEREOF, I, Gary M. Oddie have hereunto set my hand and seal this

25th January, 2001.

Gary M. Oddie

Gary M. Oddie

WITNESSED:

BE IT KNOWN, that Gary M. Oddie, is to me known to be the individual described in the foregoing assignment, that on this 25 day of JANUARY, 2001, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

DS

Witness

ERIC DONZIER
SCHLUMBERGER CAMBRIDGE RESEARCH
HIGH CROSS, MADingley ROAD.
CAMBRIDGE, ENGLAND, CB3 0AL
Post Office Address

69 HIGH STREET

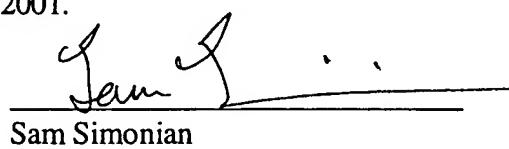
GIRTON
CAMBRIDGE
CB3 0QD.

TH

Witness

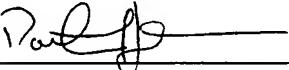
PAL HAMMOND
62 HIGH STREET,
BOURN, CAMBRIDGE
CB3 7TR, UK,
Post Office Address

IN WITNESS WHEREOF, I, Sam Simonian have hereunto set my hand and seal this
12th February, 2001.


Sam Simonian

WITNESSED:

BE IT KNOWN, that Sam Simonian, is to me known to be the individual described in the foregoing assignment, that on this 12 day of FEBRUARY, 2001, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.



Witness
MARTIN NYDEN
9 PASSAGE LANDRIEU
75007 PARIS
FRANCE

Post Office Address



Witness
Hélène RAYBAUD
54, rue de la
Bonne Aventure
78000 Versailles
FRANCE

Post Office Address